



## HEAT TRANSFER FLUIDS

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# XCEL THERM<sup>®</sup> 315

Economical synthetic oil rated to 550°F (288°C) with very high resistance to oxidation as well as high resistance to sludge and fouling.

### TYPICAL PROPERTIES

#### Key Operating Temperatures

Maximum Bulk Fluid Operating Temperature	550°F	290°C
Maximum Film Temperature	600°F	315°C
Flash Point (COC)(ASTM D92)	≥ 356°F	≥ 180°C
Autoignition Temperature (Minimum)	626°F	330°C
Pour Point (ASTM D97)	≤ -40°F	≤ -40°C
Pumpability, at 300 mm <sup>2</sup> /s (cSt)	17°F	-8°C

#### Physical Properties

Composition	Radco-engineered alkyl aromatic
Odor	Bland
Appearance	Bright, clear yellow
Kinematic Viscosity at 40°C (104°F)	17.0 cSt – 21.0 cSt
Kinematic Viscosity at 100°C (212°F)	3.25 cSt – 3.95 cSt
Moisture Content (maximum)	100 ppm
Specific Gravity at 25°C/25°C (77°C/77°C)	0.79 – 0.89 (typical = 0.86)

\* Data represents typical laboratory samples and are not guaranteed for all samples